

Attorney Docket No.: 6423.404-US

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: Hansen et al.

Conf. No.: 9325

Application No.: 10/602,838

Group Art Unit: 1654

Filed: June 24, 2003

Examiner: Ha, Julie

For: Liquid Composition of Factor VII Polypeptides

**FOURTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR § 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Applicants hereby make of record the following commonly owned U.S. Applications, together with any documents cited therein, which are not currently of record:

- U.S. App. No. 11/304,429, filed December 15, 2005 by Hansen (Attorney Docket No. 6729.504) (which is published as U.S. Pat. Application Publication No. 2006/0183683 on 08-17-2006)
- U.S. App. No. 12/154,088, filed May 20, 2008 by Hansen (Attorney Docket No. 6729.514) (which is published as U.S. Pat. Application Publication No. 2008/0227715 on 09-18-2008);
- U.S. App. No. 11/450,783, filed June 9, 2006 by Hansen (Attorney Docket No. 6857.204);
- U.S. App. No. 12/407,266, filed March 19, 2009 by Hansen (Attorney Docket No. 6857.214) (which is published as U.S. Pat. Application Publication No. 2009/0181895 on 7/16/2009);

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- U.S. App. No. 11/304,427, filed December 15, 2005 by Jensen (Attorney Docket No. 6673.504) (which is published as U.S. Pat. Application Publication No. 2006/0166882 on 7/27/2006);
  - U.S. App. No. 12/536,872, filed August 6, 2009 by Jensen (Attorney Docket No. 6673.514);
  - U.S. App. No. 10/602,340, filed June 23, 2003 by Hansen (Attorney Docket No. 6454.504) (which is published as U.S. Pat. Application Publication No. 2004/0043933 on 3/4/2004);
  - U.S. App. No. 11/473,387, filed June 21, 2006 by Hansen (Attorney Docket No. 6454.514) (which is published as U.S. Pat. Application Publication No. 2007/0049523 on 3/1/2007);
  - U.S. App. No. 10/609,780, filed June 30, 2003 by Jensen (Attorney Docket No. 6476.204) (which is published as U.S. Pat. Application Publication No. 2004/0248793 on 12/9/2004);
  - U.S. App. No. 11/526,503, filed September 25, 2006 by Jensen (Attorney Docket No. 6476.214) (which is published as U.S. Pat. Application Publication No. 2007/0207956 on 9/6/2007);
  - U.S. App. No. 11/229,427, filed September 15, 2005 by Jensen (Attorney Docket No. 6815.504) (which is published as U.S. Pat. Application Publication No. 2006/0063714 on 3/23/2006);
  - U.S. App. No. 10/427,395, filed May 1, 2003 by Nedergaard (Attorney Docket No. 6422.200) (which is published as U.S. Pat. Application Publication No. 2004/0009918 on 1/15/2004);
  - U.S. App. No. 12/325,348, filed December 1, 2008 by Nedergaard (Attorney Docket No. 6422.210) (which is published as U.S. Pat. Application Publication No. 2009/0075895 on 3/19/2009);

The Examiner is encouraged to review any responses in the herein mentioned applications, and Applicant(s) assume(s) that due to the ease of review on PAIR by the Examiner, these responses need not be submitted. Since prosecution may be ongoing in the

herein mentioned application(s), Applicant(s) assume(s) that the Examiner will continue to evaluate the application(s) as needed.

The Examiner is requested to initial the attached Form PTO-1449, and to return the initialed copy with the next communication from the U.S. Patent and Trademark Office.

Applicants hereby submit 3 Forms PTO-1449 sheet listing the above-noted documents for consideration by the Examiner in accordance with 37 C.F.R. §§ 1.56, 1.97, and 1.98:

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application No.</b>	<b>10/602,838</b>
				<b>Filing Date</b>	<b>June 24, 2003</b>
				<b>Applicant</b>	<b>Hansen et al.</b>
				<b>Art Unit</b>	<b>1654</b>
				<b>Examiner Name:</b>	<b>Ha, Julie</b>
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**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER Number -Kind Code <sup>(if known)</sup>	Issue/Publication Date MM-DD-YYYY	NAME of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
/J.H./		2002/0115590	08-22-2002	JOHANNESSEN ET AL	
/J.H./		5962650	10-05-1999	OSTERBERG ET AL	
/J.H./		6903069	06-2005	PINGEL ET AL	

**FOREIGN PATENTS**

EXAMINER INITIALS	Cite No.	DOCUMENT NUMBER Number -Kind Code <sup>(if known)</sup>	Publication Date MM-DD-YYYY	NAME of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T
/J.H./		EP 1232753	08-21-02	CIUGAI SEIYAKU KABUSHIKI KAISHA		
		JP 2000-513720 (see WO 97/47651)	10-17-2000			T
		JP 8-509745 (see WO 94/26286)	10-15-1996			T
		WO 94/26286	11-24-1994	KABI PHARMACIA AB	English of JP references	
/J.H./		WO/9747651	12-18-1997	NOVO NORDISK	English of JP references	

<b>EXAMINER SIGNATURE</b>		<b>DATE CONSIDERED</b>	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application No.</b>	<b>10/602,838</b>
				<b>Filing Date</b>	<b>June 24, 2003</b>
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<b>Sheet</b>	<b>2</b>	<b>of</b>	<b>3</b>	<b>Atty. Docket No.</b>	<b>6423.404-US</b>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published	T
/J.H./		COOPER, A.J.L., Ann. Rev. Biochem., Vol. 52, pages 187-222 (1983)	
/J.H./		Enziklopedia lekarstv. M., RLS-2001, 468; Encyclopedia of drugs, page 468	T
/J.H./		International Search Report dated 10/20/03.	
/J.H./		PORTER, C.W. ET AL., Biochem & Biophysical Research Communications, Vol. 122, No. 1, pages 350-357 (1984)	
/J.H./		Wang et al., J. Parenter Sci Technol, Vol. 42 (10), pp. 4-26 (1988)	
/J.H./		WELLS, Biochemistry, Vol. 29, pages 8509-8517 (1990)	
/J.H./		Notice of Allowance in U.S. App. No. 12/154,088, filed May 20, 2008, by Hansen, sent from the USPTO on February 1, 2010.	
		Non-final Office Action in U.S. App. No. 12/154,088, filed May 20, 2008, by Hansen, sent from the USPTO on July 29, 2009.	
		Notice of Allowance in U.S. App. No. 11/304,427, filed December 15, 2005, by Jensen, sent from the USPTO on December 15, 2009.	
		Non-final in U.S. App. No. 11/304,427, filed December 15, 2005, by Jensen, sent from the USPTO on February 6, 2009.	
		Final Office Action in U.S. App. No. 11/304,427, filed December 15, 2005, by Jensen, sent from the USPTO on May 2, 2008.	
		Non-final Office Action in U.S. App. No. 11/304,427, filed December 15, 2005, by Jensen, sent from the USPTO on September 11, 2007.	
		Abandonment in U.S. App. No. 10/602,340, filed June 23, 2003, by Hansen, sent from the USPTO on August 2, 2006.	
		Final Office action in U.S. App. No. 11/473,387, filed June 21, 2006, by Hansen, sent from the USPTO on December 30, 2009.	
		Non-final Office action in U.S. App. No. 11/473,387, filed June 21, 2006, by Hansen, sent from the USPTO on January 29, 2009.	
		Non-final Office action in U.S. App. No. 11/473,387, filed June 21, 2006, by Hansen, sent from the USPTO on April 8, 2008.	
		Abandonment in U.S. App. No. 10/609,780, filed June 30, 2003, by Jensen, sent from the USPTO on October 27, 2006.	
		Non-final Office action in U.S. App. No. 10/609,780, filed June 30, 2003, by Jensen, sent from the USPTO on March 27, 2006.	
		Non-final Office action in U.S. App. No. 11/526,503, filed September 25, 2006, by Jensen, sent from the USPTO on January 4, 2010.	
/J.H./		Non-final Office action in U.S. App. No. 11/526,503, filed September 25, 2006, by Jensen, sent from the USPTO on April 6, 2009.	

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Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, pages(s), volume-issue number(s), publisher, city and/or country where published	T
/J.H./		Non-final Office Action in U.S. App. No. 11/229,427, filed September 15, 2005, by Jensen, sent from the USPTO on June 25, 2008.	
		Non-final Office Action in U.S. App. No. 11/229,427, filed September 15, 2005, by Jensen, sent from the USPTO on November 21, 2007.	
		Abandonment in U.S. App. No. 10/427,395, filed May 1, 2003, by Nedergaard, sent from the USPTO on January 5, 2009.	
		Non-final Office Action in U.S. App. No. 10/427,395, filed May 1, 2003, by Nedergaard, sent from the USPTO on June 14, 2006	
		Non-final Office Action in U.S. App. No. 10/427,395, filed May 1, 2003, by Nedergaard, sent from the USPTO on May 20, 2008.	
		Final Office Action in U.S. App. No. 10/427,395, filed May 1, 2003, by Nedergaard, sent from the USPTO on March 19, 2007.	
		Abandonment in U.S. App. No. 11/229,427, filed September 15, 2005, by Jensen, sent from the USPTO on November 9, 2009.	
		Notice of Allowance in U.S. App. No. 11/229,427, filed September 15, 2005, by Jensen, sent from the USPTO on June 12, 2009.	
/J.H./		Final Office Action in U.S. App. No. 11/229,427, filed September 15, 2005, by Jensen, sent from the USPTO on January 27, 2009.	

<b>EXAMINER SIGNATURE</b>	/Julie Ha/	<b>DATE CONSIDERED</b>	3/16/2010
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Except for US patent documents, a copy of each listed reference is enclosed or submitted herewith.

Copyrighted material submitted with this Information Disclosure Statement may be delivered to the Government under license from the Copyright Clearance Center, Inc., or other rights holders – no further reproduction of such works is permitted.

Inclusion of any reference is not intended to constitute an admission that the reference is "prior art" unless it is specifically designated as such.

This Information Disclosure Statement is being filed **within** three months of the filing date of a national application or date of entry into the national stage of an international application or **before** the mailing date of a first Office action on the merits, or **before** the mailing date of a first Office action after the filing of a request for continued examination as per the requirements of 37 CFR § 1.97(b). Therefore, no fee is due. However, please charge any fees should they be required, to Novo Nordisk Inc. Deposit Account No. 14-1447.

Please charge any additional fees, should they be required, to Novo Nordisk Inc. Deposit Account No. 14-1447.

Applicant(s) respectfully request(s) that any references or other information listed above be made of record in this patent application. The Examiner is invited to call the undersigned if there are any questions concerning this submission or application.

Respectfully submitted,

Date: March 15, 2010

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Use the following customer number for all correspondence regarding this application.

**23650**

PATENT TRADEMARK OFFICE